

Example 10

In this Examples, gels are prepared as in Example 9, but employing various weight ratios of ACB structurant REF4 and the invention ester produced in Example 2.6 to a total weight of 10% in a 60:40 w/w mixture of hydrogenated polydecene:volatile silicone (Silkflo 364NF:DC245). The results are summarised in Table 11 below.

Table 11

Ex No	Weight ratio	Clarity	
		Visual Score	%T
10.1	10:0	<-12	0.15
10.2	7:3	<-12	0.51
10.3	5:5	<-12	0.65
10.4	4:6	-4	7.0
10.5	3:7	5	17.9
10.6	2:8	3	14.0
10.7	1:9	-8	4.5
	0:10	<-12	0.36

From Table 11, it can be seen that the clarity of the gels comprising a mixture of CHME (invention) ester and the reference product were superior to the gel employing solely the invention ester or the reference product REF4. The best clarity was achieved when an excess proportion of the ACB

structurant ester was employed, and particularly in the ratio range for CHME: ACB of 35:65 to 15:85.

### Example 11

- 5 In this Example, Example 10 was repeated, but employing reference ester REF2 and a CHME ester, the product of Ex 1.12 or Ex 1.13. The results are summarised in Table 12 below.

Table 12

Ex No	Weight ratio	%T	
		Ex 1.12	Ex 1.13
11.1	10:0	37.7	41.0
11.2	7:3	38.7	29.1
11.3	5:5	10.3	16.1
11.4	4:6	12.6	12.1
11.5	3:7	51.1	50.6
11.6	2:8	53.6	50.5
11.7	1:9	34.7	40.3
	0:10	41	41

From Table 11, it can be seen that even when the reference (ACB) ester provided a translucent gel, it was possible to select combinations of the CHME and ACB esters which gave improved clarity, and particularly in the eight ratio range of from 35:65 to 15:85 of CHME:ACB esters.

Example 12

Gels were made up and tested in accordance with the procedure in Example 6, as such or modified by employing a weight ratio of 9% of REF1 and 1% of an additional  
 5 structurant as specified in Table 13 below.

Table 13

Structurant	Observations
solely REF1	Small crystals visible in gel after 18 hrs at RT. More and bigger crystals after 6 hrs at 37°C; Crystals throughout gel after 3 days at 37°C.
+ REF3	Some crystal growth on gel surface after 1 day at 37°C. Much more crystallisation at surface and needle shaped crystals in bulk gel after 6 days at 37°C. Crystals throughout gel after 9 days at 37 °C; More crystals throughout gel after 13 days at 37°C.
+ product of Ex 1.1	Slight crystal growth on surface after 11 days at 37 °C.
+ product of Ex 1.3,	No crystals after 12 days at 37 °C.
+ product of Ex 1.7	Slight crystal growth on surface after 13 days at 37 °C.
+ product of Ex 1.8	No crystals after 15 days at 37 °C.
+ product of Ex 1.10	No crystal growth after 12 days at 37 °C.